

Cartoon Corner

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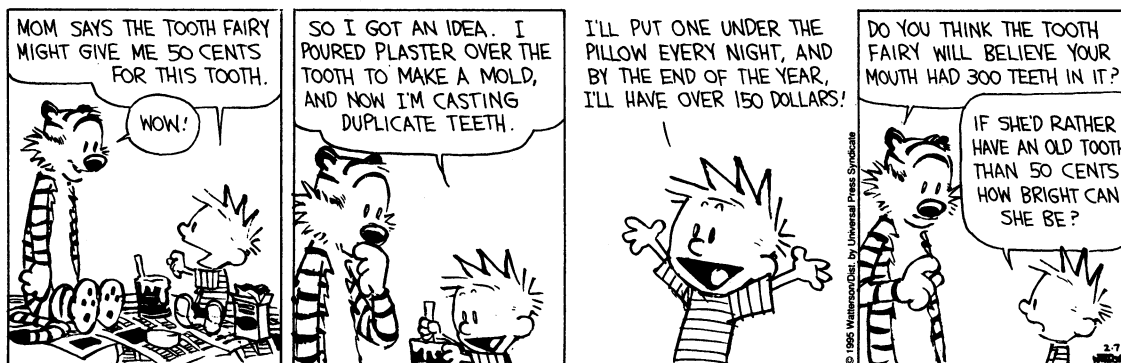
# Cartoon

## Corner

"Cartoon Corner" is designed to include cartoons that can be used to highlight mathematics in an interesting way. The questions accompanying the cartoons can be used as a large- or small-group activity, as homework, or as an extra-credit assignment. Students might want to create their own mathematics-related cartoons that demonstrate in a humorous way how mathematics is used and misused. Readers are encouraged to submit three copies of cartoons and classroom-tested questions, double-spaced, for review by the editor of this section. The cartoons must include the date and the newspaper syndicate that holds the copyright.

Edited by JULIE FISHER, Ann Arbor Hands-On Museum, 219 East Huron Street, Ann Arbor, MI 48104. The first cartoon was contributed by Pamela Halonen, MTMS editor; the second cartoon was contributed by Dorothy Wood, Novato, CA 94945.

### Calvin and Hobbes by Bill Watterson



### A Problem You Can Sink Your Teeth Into

#### Discussion questions

- If Calvin's plan works, how much money will he have at the end of a 365-day year?
- If each duplicate tooth requires  $\frac{1}{5}$  ounce of plaster, and if plaster costs \$6 per pound, how much profit will Calvin make at the end of the year?
- If Calvin gives 20 percent of his profits to Hobbes, how much money will each make?
- Do you think Calvin's plan is a good one? Why or why not?

### Arlo and Janis by Johnson



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### Arlo's Age

#### Discussion questions

- Write a paragraph explaining the mathematics problem in this cartoon strip. What information is given? What are you trying to find? What information will you need to solve this problem?
- How old is Arlo in years and months? How did you find your answer? How do you know that your answer is reasonable?
- If you wanted to represent Arlo's age in terms of a 24-hour day instead of a 365-day year, what time would it be?
- Use Arlo's 74.9-year life expectancy and your own age to find out what date of a one-year life it is for you.